

## AIR-CARE IMPROVES MANUFACTURING WITH LEAN

**ABOUT AIR CARE.** Air-Care has grown from a small start-up to the international authority on air duct cleaning equipment and services with about 45 employees on-site at the 30,000 square foot facility in Las Vegas, Nevada. Air Care produces electrostatic air filters, air duct cleaning equipment and Bio-Carts, the world's most innovative mobile dust containment unit.

**THE CHALLENGE.** Air-Care previously used NVIE resources to assist in developing a lean line for electrostatic air filters. Air-Care wanted to use the same techniques to streamline production on Bio Carts.

**MEP CENTER'S ROLE.** NVIE met with Air-Care to discuss their needs. After an assessment of the manufacturing operations, NVIE provided Lean, 5S, and Quick Changeover (SMED) training to key supervisors and line staff. The implementation phase consisted of coaching on the principles. NVIE worked with Air-Care's schedule and implemented lean in short visits over 3 months with very minimal disruption to their schedule.

"NVIE's training and expertise in lean manufacturing provided the right tools at the right time to help grow our new product line and fit it into our existing facility. Our new Bio Cart is now a standardized product that is ready to dominate the market!"

-Wayne Trace, VP of Operations Air-Care

## RESULTS



Reduced production time by **35%**



Improved working conditions



Heap filter line throughput was increased by **20%**



Over **\$50,000** in cost savings per year



Work completed at **75%** of the original budget, saving 25%.

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